Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 19 Apr 2023 until 23:59 on Thursday 20 Apr 2023

Forecast Issued on Tuesday 18 Apr 2023 at 15:43

Confidence: High for a largely fine if rather windy set-up through to Thursday, with cloud-cover less certain. Becoming markely lower confidence from Friday, with more unsettled conditions and some rain developing.

Headline for Wednesday 19 Apr 2023: Most likely fine, with early cloud clearing to sunshine. Strengthening winds.

Mountain weather hazards on Wednesday 19 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Sunny	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
10%	10%	20%	10%	<05%	<05%	00%	10%

Forecast for Wednesday 19 Apr 2023

Weather: Breezy and rather cloudy for periods early on, with the odd spot of drizzle perhaps possible over higher ground. Early areas of cloud will likely clear westwards during the morning to most likely leave the Park sunny by lunchtime. This will be accompanied by the caveat of strengthening winds that may approach gale in exposure into the evening.

Chance of cloud-free hill tops above 600m: 20% improving 90%

Low Cloud and visibility: Visibility very good in the main given relatively dry air, although hampered over higher ground in extensive cloud above 400 metres at first – this clearing westwards by lunchtime.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 19 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/33 E	19/30 E	21/29 E	24/33 E	27/38 E	26/38 E	21/32 E	21/33 E	19/29 E
300	7/24 E	11/30 E	14/32 E	17/33 E	19/36 E	17/34 E	13/28 E	13/30 NE	12/28 NE
Valley	8/22 NE	11/26 NE	10/26 NE	12/25 E	16/33 E	15/30 E	12/26 E	10/24 E	11/24 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-3	2/-4	4/-1	7/2	7/2	5/0	2/-4	1/-5
300	4/2	4/0	5/1	8/4	11/8	11/8	8/5	5/0	3/-1
Valley	6/3	6/3	6/3	10/7	13/10	13/10	10/7	6/3	5/2
Freezing Level*	1000m	900m	1000m	1100m	1100m	1100m	900m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early conditions perhaps deceptive for the day as a whole, with the strengthening wind perhaps masking the effects of moderate UV in sunny spells, as well as the wind presenting a hazard in itself.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 18 Apr 2023	0mm	0mm	0.2mm

Forecast for Thursday 20 Apr 2023

Weather: Early areas of cloud should soon clear to leave a fine and largely sunny day, albeit with continuing strong winds. There is increasing uncertainty in these conditions seeing out the whole day, with high cloud at least perhaps invading from the east into the evening.

Maximum wind: East or northeasterly 40mph.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Very good visibility, with fleeting low cloud in places at 500 metres soon dispersing.

Temperature: **Valleys:** Zero Celsius becoming plus 14.
At 600m: Plus 4 Celsius.
Freezing level: Around the highest ground but soon rising comfortably clear.

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